

Docket No.: 4600-0128PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Mitsuo SEKINE et al.

Application No.: 10/590,232

Confirmation No.: 6911

Filed: April 13, 2007

Art Unit: 1626

For: ELECTROCHEMICALLY ACTIVE LIGAND  
FOR SEQUENCE-SPECIFIC DETECTION OF  
DOUBLE-STRANDED NUCLEIC ACID  
MOLECULE

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Examiner: J. R. Kosack

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION UNDER 37 C.F.R. § 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated October 13, 2009, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.